

### Abstract of the Disclosure

A network system is provided for enabling priority-based number  
5 switching from a lower priority access number to a higher priority access  
number during an active data session is provided. The system comprises, a  
CTI-switch for establishing call connections and performing call switching  
according to instruction, a network-hosted part of a software application for  
monitoring the current user-node connection states and the current states of  
10 the alternate access numbers, at least two network-access nodes connected  
to the network, the access nodes each accessible through dialing a network-  
access number from the user node and, a client-hosted part of the software  
application for listing access numbers, configuring priority states to the  
access numbers and for communicating the pertinent data to the network-  
15 hosted part of the software application. The system affects call transfer  
based on priority state.